

### **REMARKS**

This is in response to the Office Action mailed 12/02/2005. In Office Action, claims 1-6, 12-15, 18-20, 22-28, and 30 were rejected; and claims 7-11, 16-17, 21 and 29 were objected to but indicated as being allowable. Reconsideration of this case is respectfully requested in view of the foregoing amendments and remarks.

#### **I) Claim Objections**

Claims 7-11, 16-17, 21, and 29 were objected to as being dependent upon a rejected base claim.

Applicant has cancelled claims 7-11, 16-17, 21, and 29 without prejudice as these claims were previously issued in the parent application. Applicant respectfully apologizes to the Examiner for not doing so sooner.

As claims 7-11, 16-17, 21, and 29 have been cancelled it is believed that this objection is now moot.

Accordingly, Applicant respectfully requests the withdrawal of the objection to claims 7-11, 16-17, 21, and 29.

#### **II) CLAIM REJECTIONS UNDER 35 U.S.C. § 103**

Claims 1-6, 12, 19-20, 22-24, 27-28 and 30 were rejected under 35 USC § 103(a) as being unpatentable over Applicant's admitted prior art (AAPA) in view of U.S. Pat. No. 5,133,058 (hereinafter "Jensen"). Applicant respectfully traverses this rejection.

Regarding independent claims 1, neither AAPA nor Jensen disclose a trace instruction cache. Moreover, neither AAPA nor Jensen disclose a dual port content addressable memory where one comparison is made with a linear address and a second comparison is made using a physical address.

Moreover, in order to combine Applicant's Figure 1 with Jensen significant modifications are required.

It is not a proper ground of rejection when the "suggested combination of references would require a substantial reconstruction and redesign of the elements." [MPEP § 2143.01, Original 8<sup>th</sup> Edition, Aug. 2001, Pg. 2100-124 and *In re Ratti*, 270 F2d. 810, 123 USPQ 349 (C.C.P.A. 1959)].

Furthermore, the motivation provided by the Office Action for combining Applicant's Figure 1 with Jensen is not convincing.

For these reasons, Applicant respectfully request the withdrawal of the 35 U.S.C. § 103(a) rejection of claims 1-6, 12, 19-20, 22-24, 27-28 and 30.

Claims 13-15, 18, 23, and 25-26 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Quattromani et al. (U.S. Pat. No. 5,835,949), hereinafter "Quattromani", in view of Jensen. Applicant respectfully traverses this rejection in its entirety.

Quattromani requires significant modifications in order to be combined with Jensen.

It is not a proper ground of rejection when the "suggested combination of references would require a substantial reconstruction and redesign of the elements." [MPEP § 2143.01, Original 8<sup>th</sup> Edition, Aug. 2001, Pg. 2100-124 and *In re Ratti*, 270 F2d. 810, 123 USPQ 349 (C.C.P.A. 1959)]. Furthermore, the motivation provided by the Office Action for combining Quattromani with Jensen is not convincing.

For the foregoing reasons, Applicant respectfully requests the withdrawal of the 35 U.S.C. § 103(a) rejections of independent claims 13 and 23, and dependent claims 14-15, 18, and 25-26.

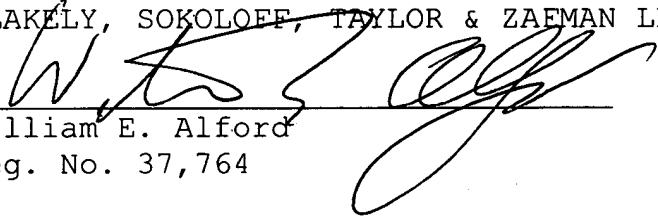
**CONCLUSION**

In view of the foregoing, reconsideration of the rejections and objects is requested. Allowance of the claims at an early date is solicited.

The Examiner is invited to contact Applicant's undersigned counsel by telephone at (714) 557-3800 to expedite the prosecution of this case should there be any unresolved matters remaining. To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees in connection with the filing of this paper, including extension of time fees, to Deposit Account 02-2666 and please credit any excess fees to such deposit account.

Respectfully submitted,  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

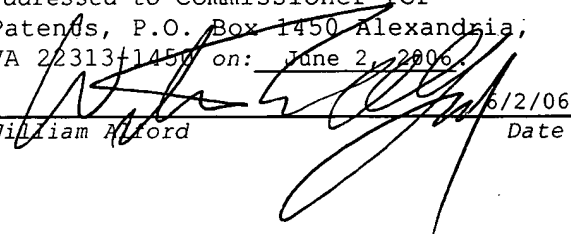
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William Alford

6/2/06  
Date